

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF COMMERCIAL FISHERIES

CALIFORNIA FISHERY MARKET NEWS MONTHLY SUMMARY

FEBRUARY 1969

PART II—Fishing Information*

Sea-surface temperatures, fishing and research information
of interest to the West Coast tuna-fishing industry
and marine scientists

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SEA SURFACE TEMPERATURE CHARTS, EASTERN PACIFIC OCEAN
FEBRUARY 1969

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Charts

Figure 1.--Mean sea surface temperatures ($^{\circ}\text{F}$) derived from approximately 8000 observations. Squares show temperatures at weather ship stations. Numerals on shore are temperatures at coastal and lightship stations.

Figure 2.--Deviation of sea surface temperatures ($^{\circ}\text{F}$) from long term charts of H. O. 225. Hatched areas are colder in 1969.

Figure 3.--Deviation of sea surface temperatures ($^{\circ}\text{F}$) from those of February 1968. Hatched areas are colder in 1969.

Figure 4.--Sea surface temperatures ($^{\circ}\text{F}$) by 1-degree squares, approximately 2000 observations. Line under temperatures indicates average of two or more observations. Numerals on shore are temperatures at coastal stations.

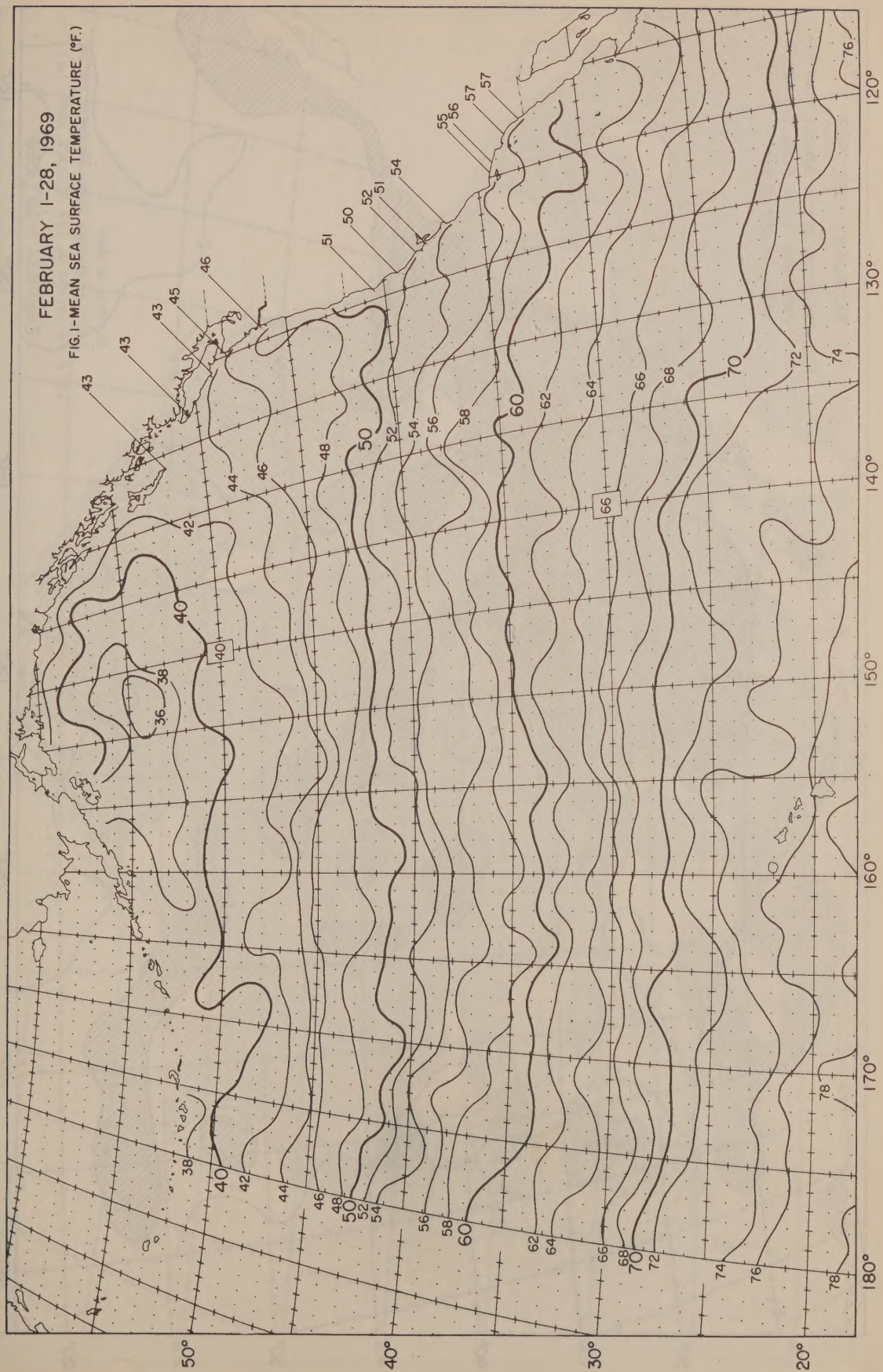
Figure 5.--Deviation of sea surface temperatures ($^{\circ}\text{F}$) February 1969-February 1968 by 1-degree squares. Shaded areas are colder in 1969.

Figure 6.--Deviation of sea surface temperatures ($^{\circ}\text{F}$) from 12-year mean (1947-1958) by 2-degree squares. Shaded areas are colder in 1969.

James A. Renner, Fishery Biologist
Kenneth S. Raymond, Scientific Illustrator
March 10, 1969

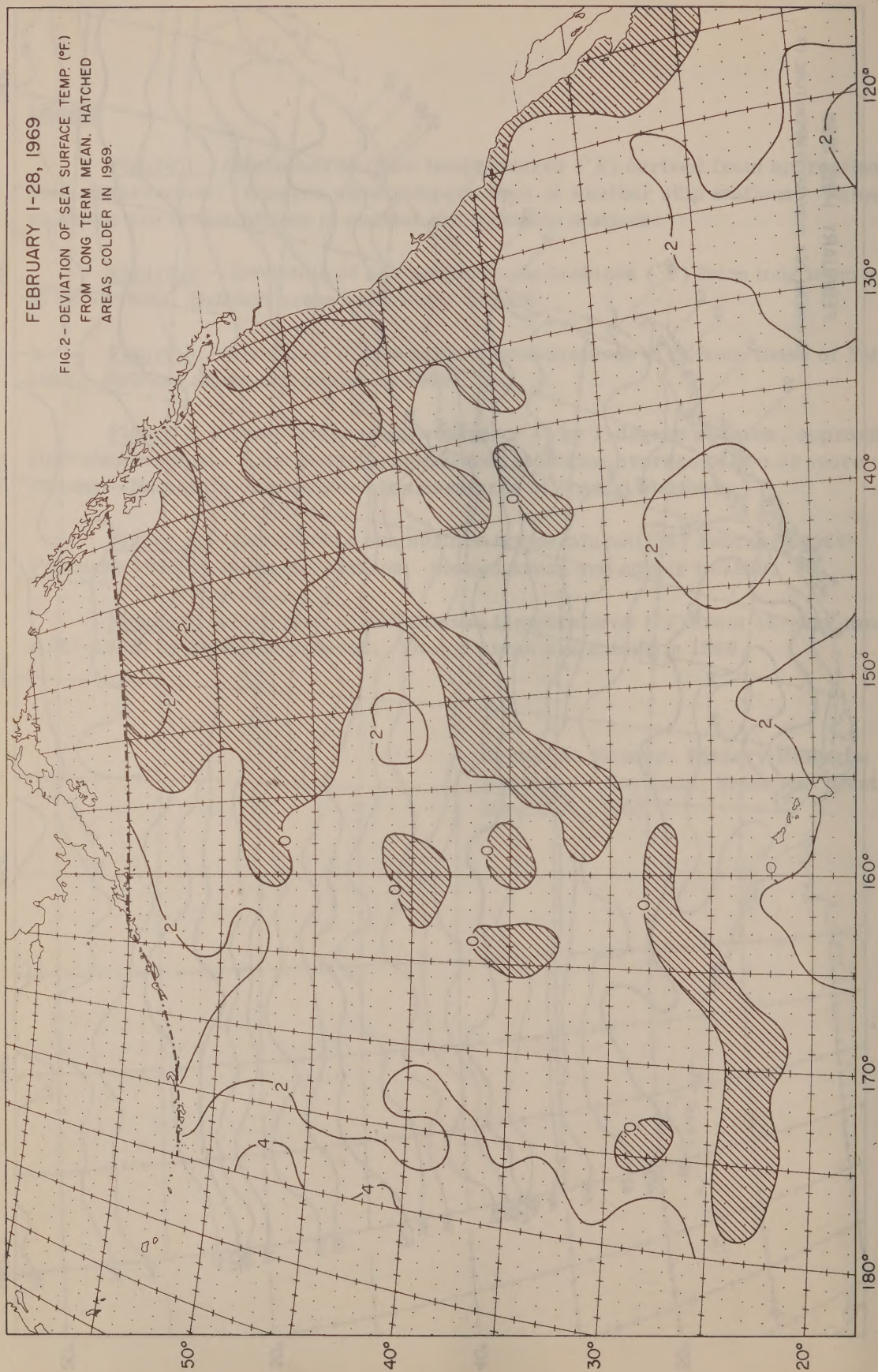
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FIG. 1-MEAN SEA SURFACE TEMPERATURE (°F.)



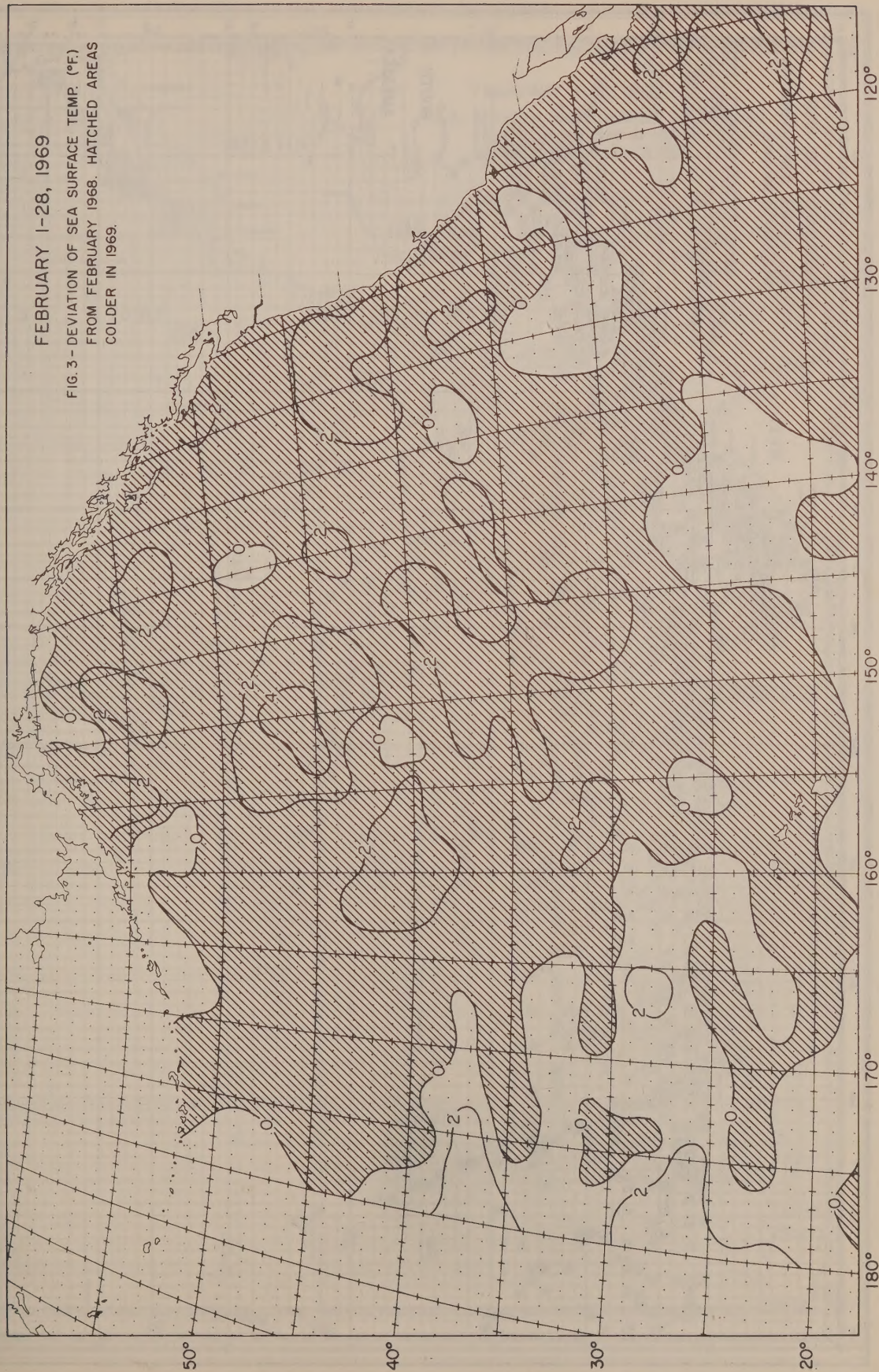
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FIG. 2 - DEVIATION OF SEA SURFACE TEMP. (°F.)
FROM LONG TERM MEAN. HATCHED
AREAS COLDER IN 1969.

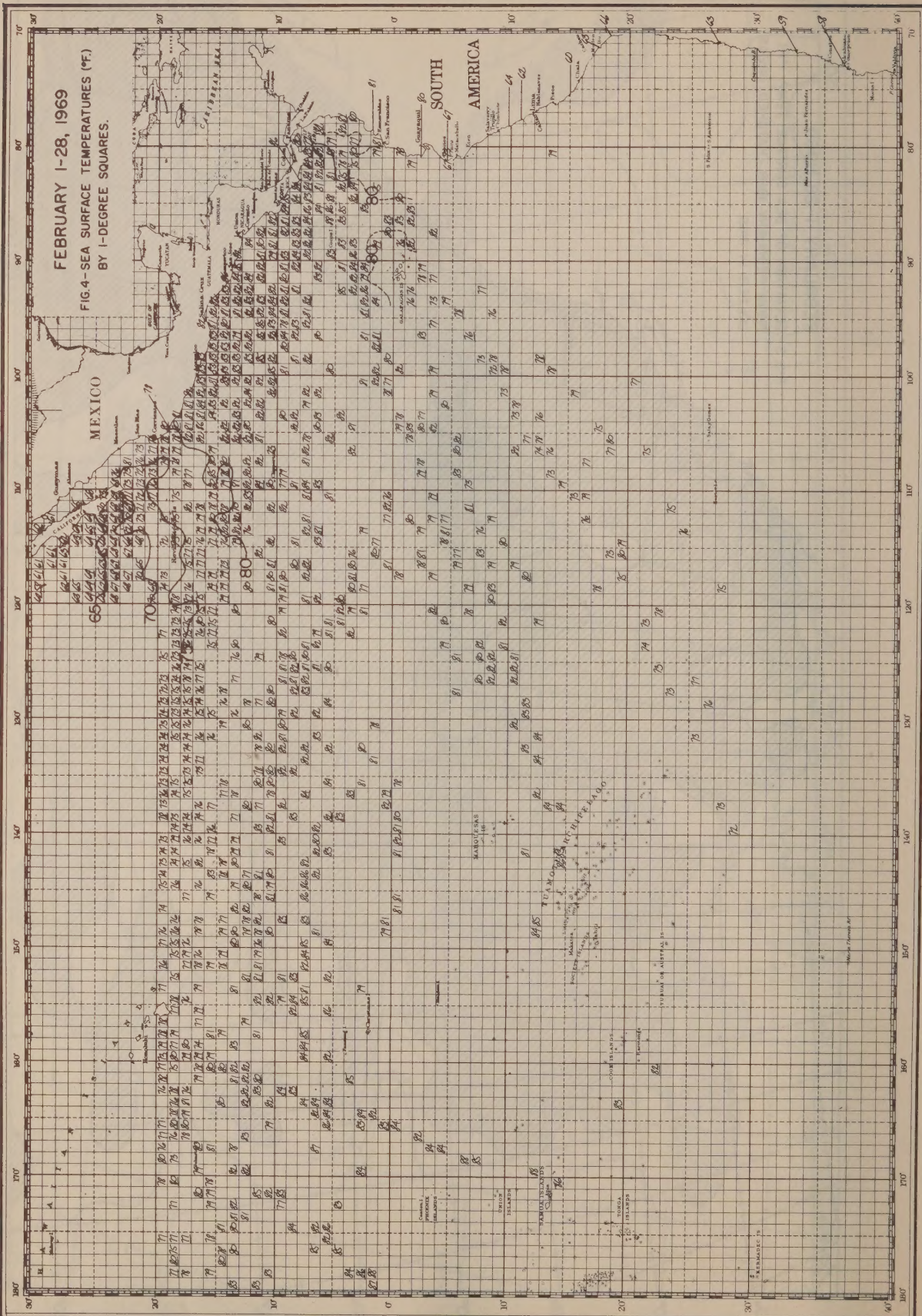


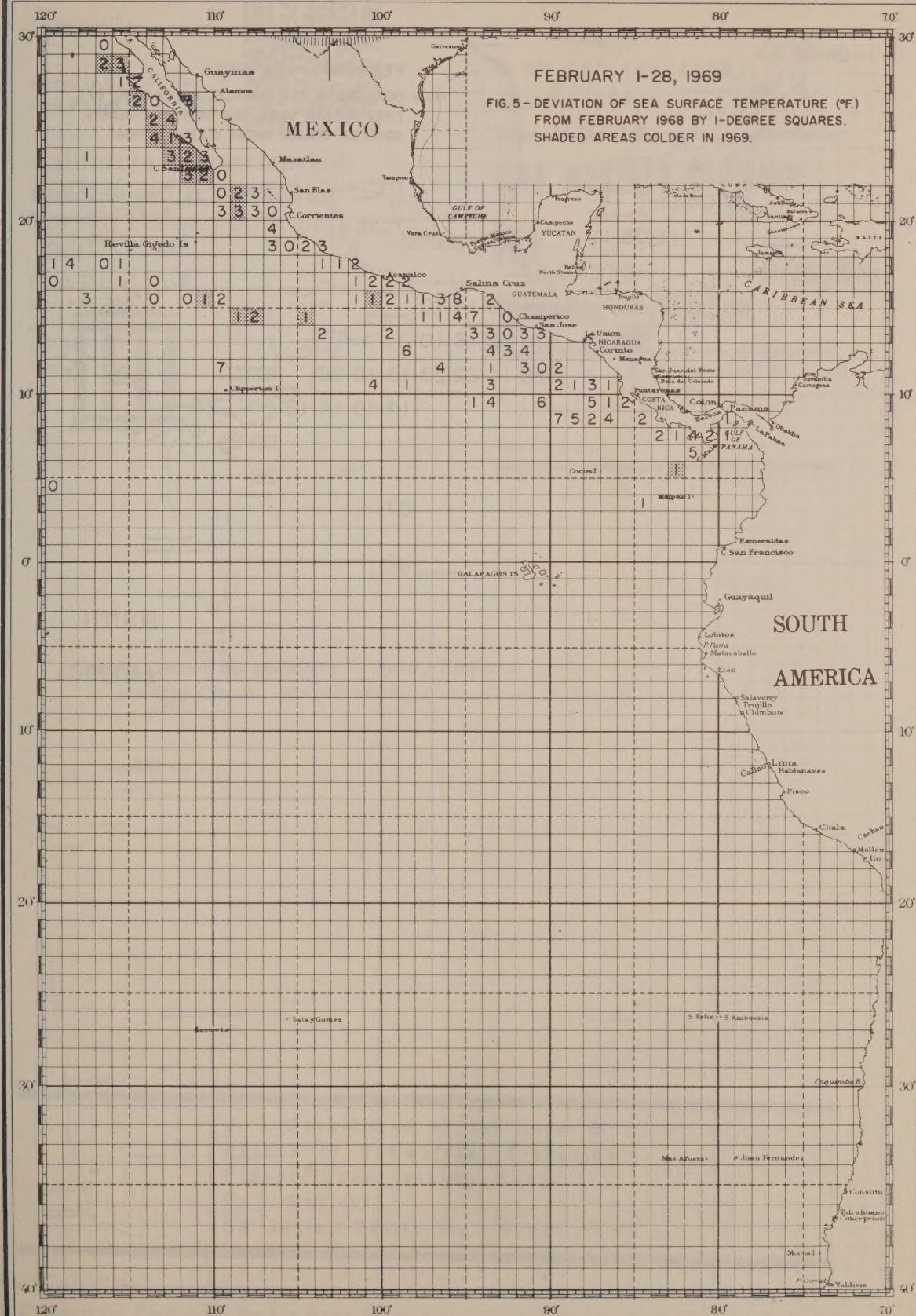
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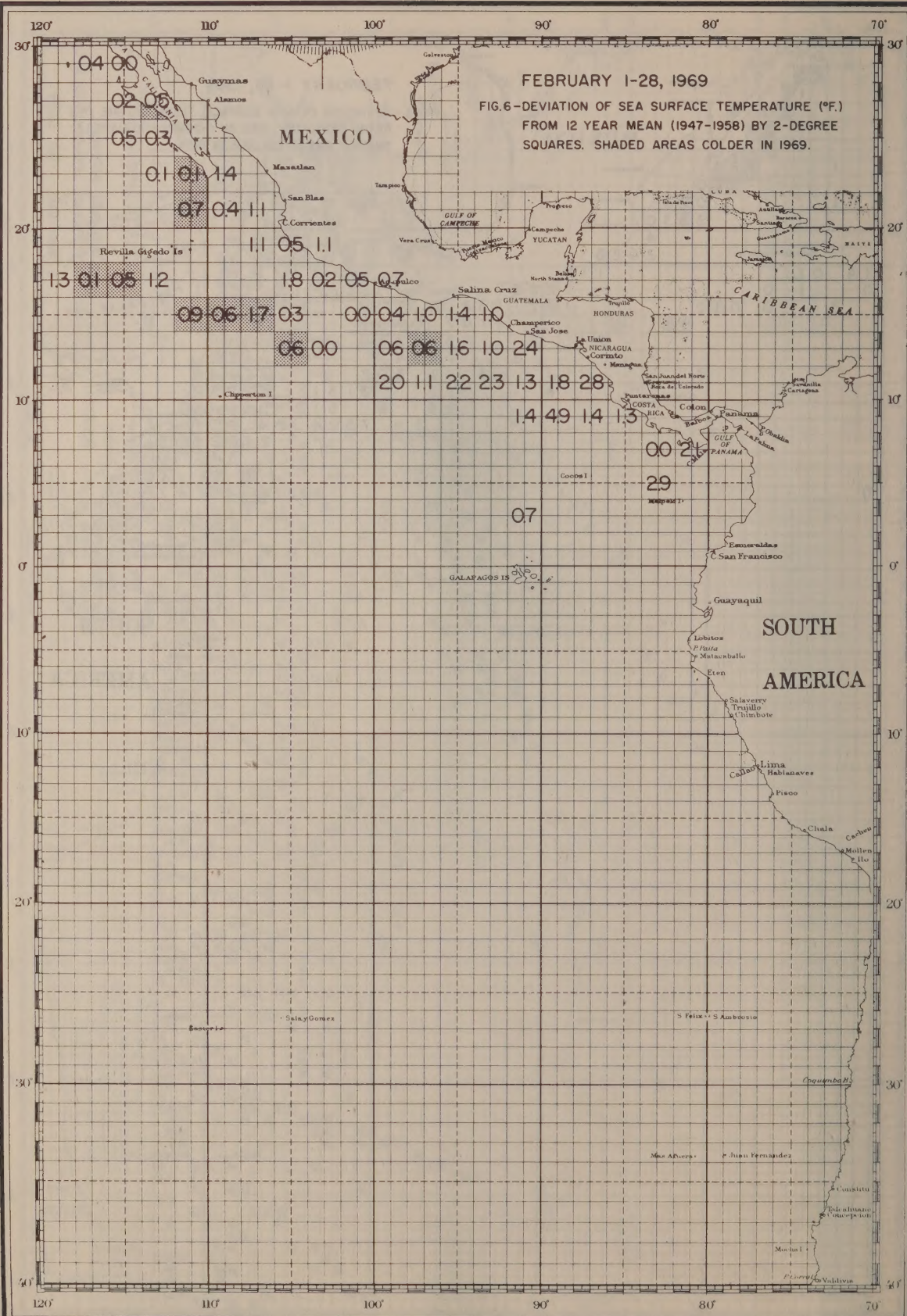
FIG. 3- DEVIATION OF SEA SURFACE TEMP. (°F)
FROM FEBRUARY 1968. HATCHED AREAS
COLDER IN 1969.



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FIG.4- SEA SURFACE TEMPERATURES (°F)
BY 1-DEGREE SQUARES.







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FIG.6-DEVIATION OF SEA SURFACE TEMPERATURE (°F.)
FROM 12 YEAR MEAN (1947-1958) BY 2-DEGREE
SQUARES. SHADED AREAS COLDER IN 1969.